



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: James V. Young

GROUP ART UNIT: 3764

SERIAL NO.: 09/176,866

EXAMINER: DeMille, D.

FILED: October 22, 1998

DOCKET NO.: 6996

FOR: MASSAGE APPARATUS

St. Louis, Missouri  
February 21, 2001

TC 3700 MAIL ROOM

FEB 26 2001

RECEIVED

PRELIMINARY AMENDMENT

Sir:

1. (Amended) A massage apparatus for massaging a human body,  
comprising:

a housing;

a motor associated with said housing;

a drive cable operatively connected to said motor;

a message head<sup>15</sup> driven by said motor through said cable, said motor imparting  
mechanical oscillations to said message head;

an applicator<sup>40</sup> removably mounted to said message head for transferring the  
mechanical oscillations to the body, said applicator head further having a cavity formed  
in it for permitting skin to be drawn inwardly of it, and a connection tube integrally  
formed in said applicator, said tube communicating with said cavity, said connection tube  
capable of applying at least a partial vacuum to the cavity so as to draw and stretch  
fibrous tissue of the human body within the cavity said connection tube being removable  
with said applicator;

a vacuum pump associated with said housing; and

Sub  
D1  
C1

a connection between said vacuum pump and said applicator to impart at least a partial vacuum in the cavity of the applicator so that placement of the head on a human body results in the application of a force combination of mechanical oscillation and suction, said connection including a suction line carried externally of said drive cable, said suction line having a first end operatively connected to said vacuum pump and a second end operatively attached to said connector tube, said suction line drawing contaminants from the cavity through said connection tube.

Sub  
P3  
C2

15. (Amended) A therapy massage device comprising:

a housing;

a motor mounted to the housing;

a vacuum pump mounted to the housing;

a drive cable operatively connected to the motor;

a massage head operatively driven by the cable;

an applicator removably mounted to the massage head, said applicator having a concave shaped cavity formed in it, and a connection tube attached to said applicator head in operative communication with the cavity, said connection tube capable of applying at least a partial vacuum to the cavity so as to draw and stretch fibrous tissue within the cavity;

a vacuum line connected between the connection tube of the applicator and the vacuum pump, said vacuum line drawing contaminants from the cavity through said connection tube; and

a control system mounted to the housing which is selectively operated to provide suction and vibration to the body through the applicator head.